WILSONWERKS ARCHIVES

NOTE:

The Minolta Maxxum System is designed and produced to offer innovative functions and performance through the combination of Minolta Maxxum camera bodies, Maxxum AF lenses, Maxxum Flash Units and other accessories distributed by Minolta. We thus caution users that the attachment or use of incompatible lenses, flashes, or accessories may result in unsatisfactory performance or damage to the Minolta Maxxum cameras or their system accessories. For optimum performance throughout the life of the Minolta Maxxum cameras and their accessories and to obtain the benefits of future Minolta Maxxum system products, we recommend use only of lenses, flashes and other accessories distributed by Minolta for Minolta Maxxum cameras.

MINOLTA

MINOLTA

600
si

NEW

MAXXUM

600si

*A high-performance AF SLR
visually designed for smooth,
direct operation.*

ONLY FROM THE MIND OF MINOLTA

Introducing An AF SLR That Makes You Feel At Home With High-Performance Photography.

The Maxxum 600si's Visual,
Easy-To-Understand Controls Help You Take
Pictures Smoothly And Confidently.

The Minolta Maxxum 600si is precision-crafted to make you feel perfectly at ease with the most advanced AF SLR photography. All of its major functions are clearly marked and laid out to make operation fast, straight-forward and simple. Each function is controlled by a single dial or selector. The result is a camera so visually accessible, you can master its operation quickly and smoothly. Yet beneath the Maxxum 600si's deceptively simple design, you'll find many of the most advanced features in photography today. Do yourself a favor and experience the Maxxum 600si. The camera visually designed to make you feel right at home with AF SLR photography.

NEW MAXXUM 600si

SIMPLE, STRAIGHTFORWARD OPERATION
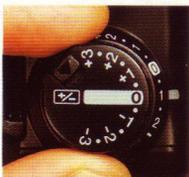
EXPOSURE COMPENSATION

With the 600si's special Exposure Compensation Dial, you can smoothly and easily adjust the exposure over a maximum range to create slightly under- or overexposed pictures.

±0EV

+1.5EV

FLASH COMPENSATION

The 600si's special Flash Compensation Dial lets you easily make flash compensation adjustments to obtain special flash effects quickly and simply.
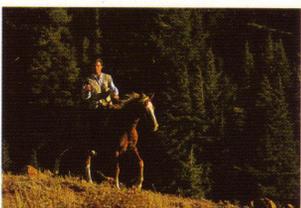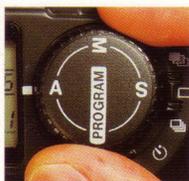
±0EV

-1EV

METERING MODE SELECTION

You can choose 14-segment honeycomb-pattern, center-weighted average or spot metering with the simple turn of the Metering Mode Dial.

◉ 14-SEGMENT HONEYCOMB-PATTERN METERING

• SPOT METERING

EXPOSURE MODE SELECTION

To select your choice of exposure modes from the most advanced Expert Program, A, S, and M, simply turn the Exposure Mode Dial.

PROGRAM MODE

A (APERTURE PRIORITY) MODE

S (SHUTTER PRIORITY) MODE

M (MANUAL) MODE

DRIVE MODE SELECTION

With a quick turn of the Drive Mode Selector, it's easy to select a variety of functions including multiple exposure, exposure bracketing, single-frame advance, motor drive, and self-timer.

▣ MULTIPLE EXPOSURE

EXPOSURE BRACKETING

+0.5 EV

-0.5 EV

±0 EV

□ SINGLE FRAME ADVANCE

▱ CONTINUOUS FRAME ADVANCE

⟳ SELF-TIMER

The Minolta Maxxum 600si takes the complexity out of AF SLR photography and puts the enjoyment back in. All main camera functions are controlled by a single dial or selector, with combined switch operations kept to a minimum. This classic design gives you quick, direct access to camera functions including focus, exposure, flash and film drive. In an instant, you can understand every setting just by looking at the camera.

CENTER-WEIGHTED AVERAGE METERING
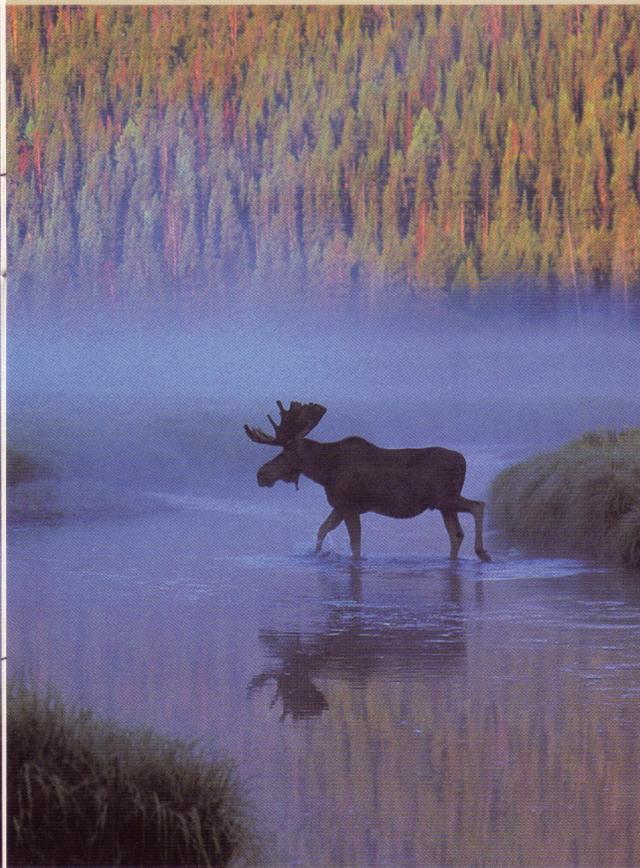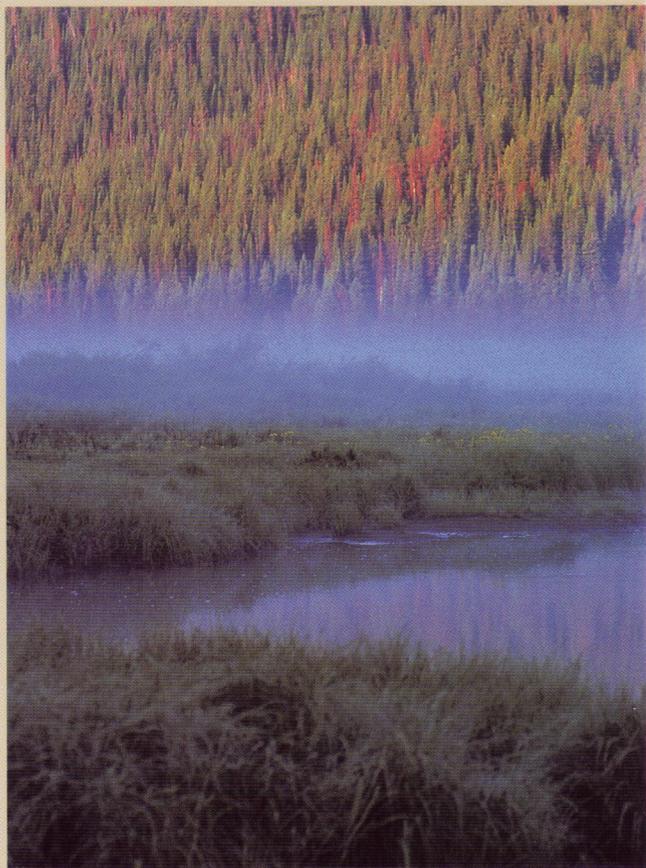
The Minolta Maxxum 600si is the proud heir of the Maxxum 700si, our world renowned and international award-winning AF SLR. The excellence of the 600si's advanced camera systems is your assurance of unmatched performance.

Pictured with the AF Zoom   80-200mm f/2.8 Apo G attached.

◼ FOCUSING

The Maxxum 600si's advanced AF system automatically brings your subject into precise focus. Even with subjects making fast, complicated movements, the 600si offers the speed and precision to focus them instantly. Of course, you can easily switch to manual focus as well.

ULTRA-WIDE FOCUS AREA

Tracking moving subjects is easy with the 600si. Three CCD sensors form an ultra-wide focus area. If they detect more than one subject, or subjects at different distances, the AF system, synchronized with the autoexposure system, determines which sensor is reading your main subject.

AF AREA SELECTION

You can focus on your subject with a choice of an ultra-wide focus area or a spot focus area. This allows you to compose your shot exactly the way you want it to look in the picture. A two-position selector makes operation quick and easy.

Ultra-wide focus area   Spot focus area

OMNI-DIMENSIONAL PREDICTIVE FOCUS CONTROL

Integrated with Three-Dimensional Subject Tracking, this system makes the 600si follow and predict erratic movements, like subjects that quickly accelerate or decelerate, move toward or away from the camera, or travel parallel to the viewfinder frame.

AF MODE SELECTION

A three-position selector lets you choose among three convenient AF modes. Single-shot AF is the most suited for still subjects. Continuous AF helps you maintain precise focus on moving subjects like sports action. With the Automatic AF-mode on, the camera will automatically determine whether the subject is moving or still, then select either Single-shot AF or Continuous AF.

The Minolta Maxxum 600si offers three metering modes to analyze and control light for creating the results you want. A metering index in the viewfinder helps you determine whether the exposure the camera has selected will meet your needs in a given photographic situation.

To ensure correct exposure of your subject, the 600si's honeycomb-pattern metering precisely measures exposure levels in 14 separate areas of your picture.

14-SEGMENT HONEYCOMB-PATTERN METERING

The 600si's 14-segment honeycomb-pattern metering is integrated with the AF system. The uniform size and shape of the individual segments allows the metering pattern to match your subject precisely. If your subject moves, the segments adjust accordingly. A metering index compares the 14-segment automatic exposure settings with a center-weighted average reading to show you how the camera is operating.

METERING MODE SELECTION

(Honeycomb-Pattern/Center-Weighted Average/Spot)

This function lets you quickly and easily select the metering mode you desire among 14-segment honeycomb-pattern, center-weighted average or spot metering. A simple lever makes operation fast and direct.

■ EXPOSURE

The Maxxum 600si provides real versatility with four exposure modes to choose from. The most advanced Expert Program Selection (PROGRAM Mode) automatically selects the correct exposure for your subject, while A, S, and M Modes offer more creative exposure control.

PROGRAM MODE (EXPERT PROGRAM SELECTION)

With Expert Program Selection, all you have to do is aim and shoot. This mode uses fuzzy logic to detect the differences between situations like a moving or still subject, or a landscape or close-up, without changing modes. Program Mode considers the effects of your scene's depth-of-field when it sets the best combination of aperture and shutter speed for your picture.

Ordinary Program   Expert Program

PORTRAIT
If the 600si perceives the scene as a portrait (rather than action, landscape or close-up), it automatically uses larger apertures in bright light to decrease depth-of-field and isolate your subject from the background in close-up portraits.
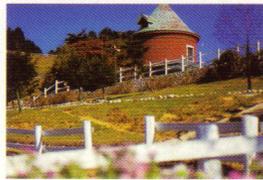
Ordinary Program   Expert Program

ACTION
The 600si's high-performance AF and shutter speeds up to 1/4000th of a second help you to achieve excellent results in fast action photography.

Ordinary Program   Expert Program

LANDSCAPE
The 600si provides the automation you need to maximize depth-of-field, while keeping your main subject correctly exposed, in landscapes and long-range portraits.

Ordinary Program   Expert Program

CLOSE-UP
The 600si provides sharp focus for extreme close-ups by selecting an aperture setting to increase depth-of-field and a shutter speed fast enough to prevent picture blur caused by camera shake.

A (APERTURE PRIORITY) MODE
When you use A Mode, you can select the aperture you want, to precisely control your subject's depth-of-field. The correct shutter speed is automatically set.

S (SHUTTER PRIORITY) MODE
S Mode is an effective way to freeze fast action, or blur a subject to give it the feeling of motion. Just turn the dial to manually change the shutter speed. The camera automatically sets the appropriate aperture.

M (MANUAL) MODE
M Mode gives you full creative control over the final exposure setting. You can adjust both the aperture and shutter speed to achieve a desired effect.

1/4000 SEC. HIGH-SPEED SHUTTER
Choose from a wide range of shutter speeds from 1/4000 to 30 sec. The top speed lets you freeze a subject at the height of action in precise focus, and obtain beautiful results when the aperture is open all the way in a portrait. Maximum flash sync with the built-in flash is 1/200 sec, and 1/4000 sec. with the optional Maxxum Flash 5400HS attached.
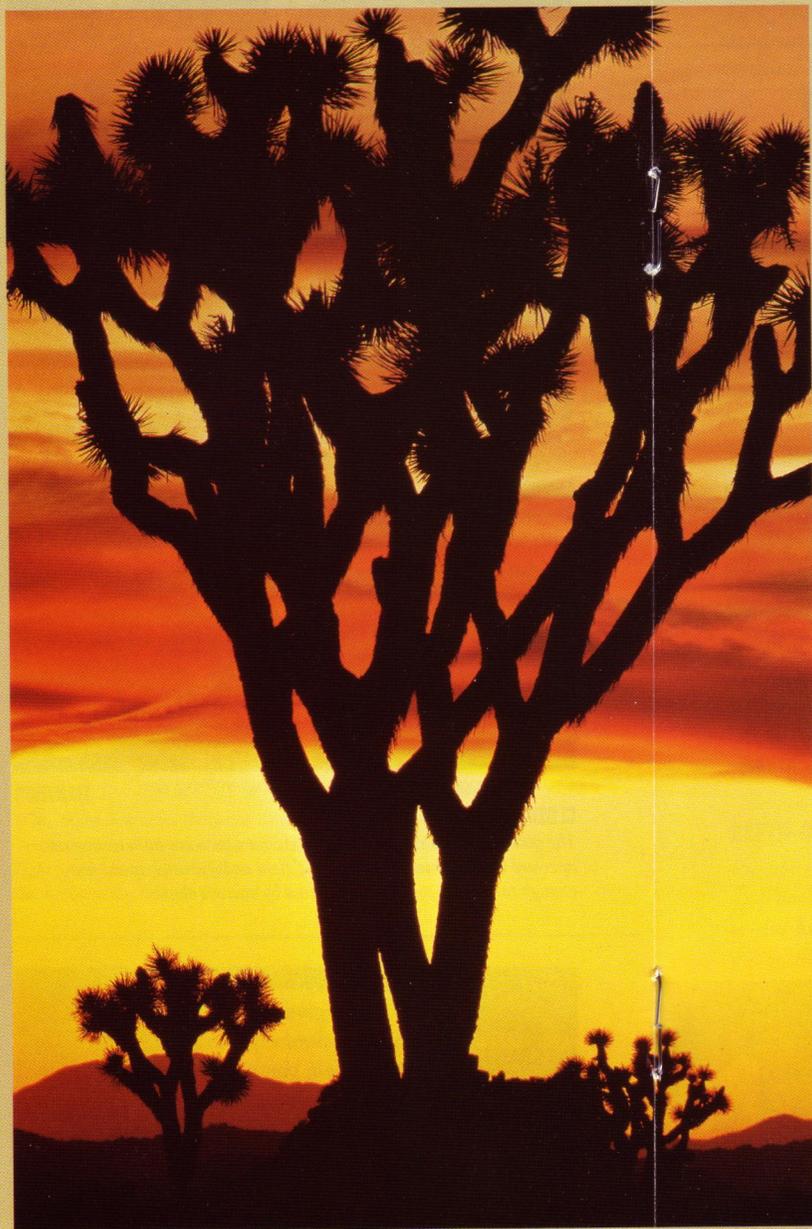
Every photographer has a favorite kind of photography, whether portraiture, sports action, landscape, close-up, or special effects. The Minolta Maxxum 600si offers a wide range of advanced functions to satisfy your needs to the fullest.

Pictured with the AF Zoom 24-85mm f/3.5-4.5 and Vertical-Control Grip VC-600 attached.

SILENT MECHANISMS

The Maxxum 600si's silent mechanisms make operation very quiet, so you can shoot scenes with confidence where silence is required, such as at weddings and museums. The camera's non-metal gears are made of special material to decrease noise. Shock absorbers reduce noise to a minimum. By silencing internal components, rewind noise is reduced by about 60%, compared with conventional models.

Noise level during rewind
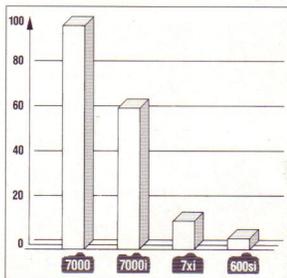
VERTICAL-CONTROL GRIP VC-600

This multi-function grip lets you hold and operate the 600si vertically with the same ease the camera body gives you during horizontal operation. The grip includes convenient functions like a shutter-release button, front and rear control dials, and more. The grip lets you use a choice of AA-size or lithium batteries to power the camera (the camera by itself accepts only lithium batteries). A PC terminal lets you connect PC-type flash-sync cords to the camera for operating large external flash units.

EXPOSURE BRACKETING

With the Drive Mode lever you can easily make a three-frame series of bracketed exposures with a ±0.5EV change around the metered exposure.

±0 EV

-0.5 EV

+0.5 EV

MULTIPLE EXPOSURE

This function lets you take up to 9 exposures on the same film frame, so you can create unusual images and special effect.

AE LOCK

The AE Lock lets you control exposure to emphasize any part of a scene when lighting conditions change quickly or become difficult. Regardless of the metering mode, pressing this button fixes the exposure setting right there with one touch.

METERING INDEX

The 600si's metering index is very easy to understand, and helps you check the meter and fine-tune the exposure during difficult lighting conditions. It appears when the AE Lock Button is pressed. As you recompose a scene, the pointer moves to show how the exposure value of the area inside the spot circle compares with the locked exposure value. This index also indicates when exposure compensation is added.

5.6 – 3 · 2 · 1 · 0 · 1 · 2 · 3 +

DEPTH-OF-FIELD PREVIEW

Pushing the Depth-of-Field Preview Button closes the lens aperture to the currently selected f-stop. This is very useful for macro photography, or anytime you wish to evaluate a scene's depth-of-field.

BUILT-IN EYEPIECE ADJUSTMENT

The 600si's built-in eyepiece adjustment provides you with a fast, easy-to-use control for diopter correction. Turning the dial allows delicate adjustment of the eyepiece from -2.5 to +1 diopters to suit your personal eyesight requirements.

LONG EYE-RELIEF VIEWFINDER

The long eye-relief finder is useful for photographers who wear glasses. It allows full viewing of the viewfinder up to 0.9in. from its protective glass.

FLASH SYSTEM

Whether you use the built-in auto flash, an optional external flash or a combination of both, the Maxxum 600si gives you exactly what you need to make the most of flash photography, from the basics to advanced flash techniques.

BUILT-IN FLASH

⚡ AUTO FLASH

The 600si's built-in flash fires automatically when you need more illumination or when your subject is lit from behind. The automatic flash provides coverage for lenses as wide as 28mm. You can easily switch to Flash-Off or Manual Fill-Flash. Flash sync speeds reach 1/200th of a second.

👁 RED-EYE REDUCTION

This system reduces the red-eye effect seen in flash portraits. The flash fires several times in rapid succession before the shutter is released to close down your subject's pupils.

FLASH COMPENSATION

The 600si lets you make flash compensation adjustments to obtain specific effects, like changing the exposure of your subject without altering the background exposure. You can make adjustments in a range from +3 to -3EV in 0.5EV increments.

SLOW-SHUTTER SYNC

To add drama to your flash photos, just push and hold the AE Lock Button while you take a picture. The camera sets a slower shutter speed, exposing more of the areas lit by ambient light in the background, while keeping your main subject illuminated by the flash.
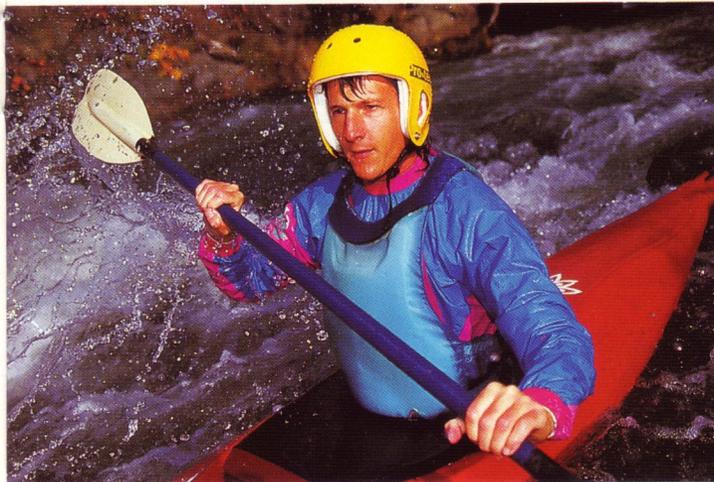
HSS at 1/2000 sec.

Conventional flash at 1/200 sec.

HIGH-SPEED SYNC (HSS)

*The Maxxum Flash 5400HS's high-speed sync (HSS) allows very high flash sync speeds up to 1/4000th of a second with the 600si. You can take flash pictures automatically in all exposure modes and at any shutter speed. The camera automatically selects HSS mode when shutter speeds are 1/250 sec. or faster. This lets you shoot in back-lit situations using wider apertures than possible with a regular flash at the camera's x-sync.*

With wireless off-camera TTL flash control

Without wireless off-camera TTL flash control.
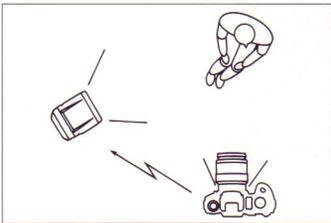
The off-camera Maxxum Flash 5400HS provides 2/3 of the light you need for correct exposure, while the 600si's built-in flash provides the remaining 1/3.

WIRELESS OFF-CAMERA TTL FLASH CONTROL

You can use the Maxxum Flash 5400HS off-camera via remote control for added versatility. The 600si's built-in flash and TTL metering system control the flash exposure and the power output of the two units can be manually set to provide a 2:1 lighting ratio.

NAMES OF PARTS

1. Front Control Dial
2. Shutter-Release Button
3. Self-Timer Lamp
4. Exposure-Mode Dial
5. Body Data Panel
6. Built-In Flash
7. Exposure-Compensation Dial
8. Flash-Compensation Dial
9. Flash-Control Button
10. AF/M Focus-Mode Button
11. Depth-Of-Field Preview Button
12. Main Switch
13. Diopter-Adjustment Dial

14. AE Lock Button / Metering-Mode Selector
15. Drive-Mode Selector
16. Rear Control Dial
17. AF-Mode Selector
18. Remote-Control Terminal
19. AF-Area Selector
20. Rewind Button
21. Flash-Mode Selector
22. Film-Speed Button

BODY DATA PANEL AND VIEWFINDER

The 600si's bright viewfinder and large LCD panel let you easily check camera data and settings at a glance.
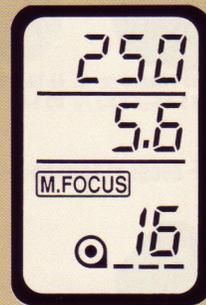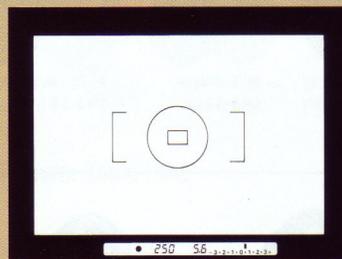
MAXXUM AUTOFOCUS LENS SYSTEM

Wideangle Lenses

AF 16mm f/2.8 Fisheye

AF 20mm f/2.8

AF 24mm f/2.8

AF 28mm f/2

AF 28mm f/2.8

Standard Lenses

AF 35mm f/1.4 G

AF 35mm f/2

AF 50mm f/1.4

AF 50mm f/1.7

Telephoto Lenses

AF 85mm f/1.4 G

AF 100mm f/2

AF 200mm f/2.8 Apo G

AF 300mm f/2.8 Apo G

AF 300mm f/4 Apo G

AF 500mm f/4.5 Apo G

AF Reflex 500mm f/8

AF 600mm f/4 Apo G

AF Tele Converters

AF 1.4X Tele Converter II Apo

AF 2X Tele Converter II Apo

Macro Lenses

AF 50mm f/2.8 Macro

AF 50mm f/3.5 Macro

AF 100mm f/2.8 Macro

AF Macro Zoom 3X-1X f/1.7-2.8

Soft Lens

AF 100mm f/2.8 SOFT FOCUS

AF Zoom Lenses

AF 24-50mm f/4

AF 24-85mm f/3.5-4.5

AF 28-70mm f/2.8 G

AF 28-80mm f/4-5.6

AF 28-85mm f/3.5-4.5

AF 28-105mm f/3.5-4.5

AF35-70mm f/3.5-4.5

AF 70-210mm f/3.5-4.5

AF70-210mm f/4.5-5.6

AF 75-300mm f/4.5-5.6

AF 80-200mm f/2.8 Apo G

AF 100-300mm f/4.5-5.6 Apo

AF 100-300mm f/4.5-5.6

AF 100-400mm f/4.5-6.7 Apo

AF Zoom xi Lenses

AF Zoom xi 28-80mm f/4-5.6

AF Zoom xi 35-200mm f/4.5-5.6 Macro

AF Zoom xi 80-200mm f/4.5-5.6 Macro

AF Power Zoom Lens

AF Power Zoom 35-80mm f/4-5.6 Macro

"G"designates G-Lens group, a selection of large-aperture, high-performance lenses.

MAXXUM AUTOFOCUS LENS SYSTEM

Minolta offers a wide selection of interchangeable AF lenses for your Maxxum 600si. Every Maxxum lens is the product of the most advanced optical and electronic technology photography has to offer.

SOFT LENS

Maxxum's AF 100mm f/2.8 SOFT FOCUS lens gives your portraits a soft effect around the subject, and can even hide minor skin flaws or wrinkles. It is an effective mid-range telephoto lens as well. The soft effect is selectable in three settings.

TELEPHOTO LENSES

Widely used for taking portraits and sports photography, Maxxum AF telephoto lenses allow you to shoot at a greater distance from your subject, and help isolate your subject from its surroundings.

MACRO LENSES

Ideal for people who enjoy close-up photography, Maxxum AF Macro lenses open a new, dramatic world of photographic possibilities by allowing you to take life-size, precisely autofocused pictures without any other special equipment.

SPECIFICATIONS

Body Specifications

Type: 35mm SLR with built-in flash, autofocus (AF) and autoexposure (AE)

Lens Mount: Minolta A-type bayonet mount

AF-System: Minolta's through-the lens (TTL) phase-detection system with three CCD sensors; activated when the shutter-release button is pressed partway down; wide focus area (spot focus area selectable by AF-area selector); Multi-dimensional predictive focus control;Automatic selection of continuous AF or one-shot AF (Single-shot AF and continuous AF selectable by AF-mode selector); Focus locked in single-shot AF and automatic AF selection modes by pressing the shutter-release button partway down; 2 frames-per second AF sequence.

AF sensitivity range: EV -1 to 19 (at ISO 100)

Built-in AF illuminator: Automatically activated in low-light/low-contrast conditions

Metering: TTL-type 14 segment honeycomb-pattern silicon photocell (SPC); Second SPC for TTL flash metering of built-in flash or dedicated flash unit.

Metering mode: Honeycomb-pattern, center-weighted average, or spot metering

Metering range(ISO 100 f/1.4): Honeycomb-pattern: EV 0 to 20; Spot Metering: EV 3 to 20. AE (S mode), Manual (M mode); Manual Setting: Shutter speed: 0.5 stop increments; Aperture: 0.5 stop increments

Exposure mode: Programmed AE (P mode), Aperture-priority AE (A mode), Shutter-priority AE (S mode), Manual (M mode); Manual Setting: Shutter speed: 0.5 stop increments; Aperture: 0.5 stop increments

Exposure compensation: ±3EV in 1/2-stop increments

Built-in flash: Guide number 39 (in feet at ISO 100); coverage to 28mm; raise and lower manually;

Recycling time: approx 2sec. (power supplied by camera) : Pre-flash for red-eye reduction available; Wireless-off-camera flash control available

Flash range:

Aperture	Flash Range (ft.)	
	ISO 100	ISO 400
2.8	3.3-13.8	3.3-27.6
4.0	3.3-9.8	3.3-19.7
5.6	3.3-6.9	3.3-13.8

Dedicated flash: When used with Maxxuum Flash 5400HS, high-speed sync (HS)flash available

✳Flash sync possible through full shutter-speed range; HSS flash sync: 1/250sec. or faster

✳Wireless flash control and ratio control is possible with 5400HS, 5400xi, 3500xi.

✳Flash sync. with wireless control: 1/60sec; flash sync with ratio control: 1/45 sec.

✳Wireless/Remote control range: 16.4 ft.

P mode flash: Fires automatically when needed (if built-in flash is up or dedicated flash on); Manual fill-flash available with flash-control; button; flash canceled when built-in flash is down or dedicated flash is off

A, S, M mode flash: Flash always fires when built-in flash is up or dedicated flash is on; flash canceled when built-in flash is down or dedicated flash off

Shutter: Electronically controlled, vertical-traverse focal-plane type; range: 1/4000 to 30sec.,bulb

Flash sync.: 1/2000 sec. or slower; with shutter speeds 1/200 sec. or faster, camera will automatically switch to HSS when used with Maxxum Flash 5400HS

Flash compensation: ±2 stops in 1/2-stop increments

Film speed setting: Automatic setting for DX-coded films ISO 25-5000; Manual setting range: ISO 6-6400 (1/3-stop increments); Recommended range with flash: ISO 25-1000

Film transport: Automatic with built-in motor drive; Auto threading, auto advance to first frame; Automatic rewind, Manual start of rewind selectable

Drive modes: Single frame advance, Continuous advance up to 2 frames per sec., Self-timer, Exposure bracketing, Multiple exposure

Self-timer: Electronic with 10-sec. delay; cancelable

Viewfinder

Type: Eye-level fixed pentaprism

Field of view: 92% of vertical and 94% of horizontal

Magnification: 0.75X (with 50mm lens at infinity)

Diopter: -1 diopter; built-in diopter adjustment from -2.5 to +0.5 diopters(stepless)

Eye-relief: Long eye-relief viewfinder with protective glass; distance from eye to eyepiece frame: 0.72in.

Depth-of-field preview: Aperture set while pressing the depth-of-field preview button; AF and AE locked; shutter release available

Power: One 6V 2CR5 lithium battery pack; automatic battery check when camera is turned on; battery condition indicated by four-stage indicator in body data panel

Others: Remote-release terminal

Dimension: 6-1/8 x 3-7/8 x 2-7/8in.

Weight: 19-15/16oz.without lens and battery

SYSTEM CHART

1. Vertical Control Grip VC-600
2. Maxxum Flash 3500xi
3. Bounce Reflector IVset
4. Maxxum Flash 5400HS
5. Bounce Reflector III set
6. External Battery Pack EP-1set
7. Wireless Remote Flash Controller
8. Macro Flash 1200AF Set N
9. Triple Connector TC-1000
10. Off-Camera Shoe OS-1100
11. Off-Camera Cable OC-1100
12. Extension Cable
13. Cable CD
14. Angle Finder VN
15. Magnifier VN
16. Eyepiece Corrector 1000
17. Focusing Screen(Changeable at any Minolta Service Facility)
18. Remote Code RC-1000S/L
19. Macro Stand 1000
20. Copy Stand III
21. Slide Copy Unit 1000
22. Filters
23. Camera Case
24. Insulation Case
25. Wireless Controller IR-1N Set